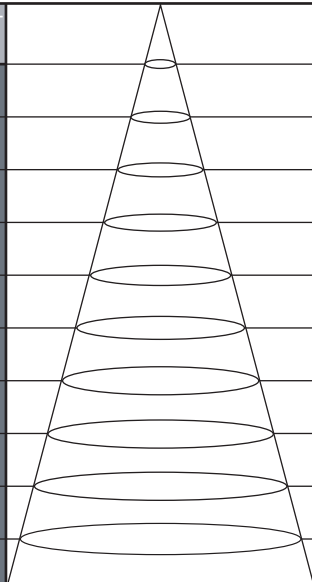


COBRA

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
48"	WLLED48	4000 LM	40W/120-277V	4K	80+	50,000 HOURS

WLLED48 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (METERS)	FOOTCANDLES AT NADIR	DIAMETER (CENTIMETERS)
1m	452.4, 14591lx	280.41
2m	113.1, 364.8lx	560.81
3m	50.26, 162.1lx	841.22
4m	28.27, 91.21lx	1121.62
5m	18.09, 58.37lx	1402.03
6m	12.57, 40.54lx	1682.44
7m	9.232, 29.78lx	1962.84
8m	7.068, 22.80lx	2243.25
9m	5.585, 18.021lx	2523.66
10m	4.524, 14.591lx	2804.06



WLLED48 ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF LUMINAIRE
0-30	1121	27.1
0-40	1828	44.2
0-60	3212	77.7
0-90	4102	99.5
90-180	34	0.5

WLLED48 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)	
	0	90
85	3300	1001
80	2725	1595
75	2644	1978
70	2661	2227
65	2694	2396
60	2761	2515
55	2771	2609
50	2815	2684
45	2852	2749

WLLED48 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80			70			50			0
	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE										
ROOM CAVITY RATIO (RCR)	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **									
k = 0.6	57	46	39	57	45	39	55	45	38	32
0.8	67	56	48	66	55	48	64	54	48	41
1	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.5	88	78	71	86	77	70	83	75	69	61
2	95	86	79	93	85	78	89	82	77	69
2.5	98	91	84	96	89	83	92	86	82	73
3	102	95	89	100	93	88	95	90	86	77
4	106	100	95	103	98	94	99	95	91	82
5	108	103	99	106	101	98	101	98	94	85

WLLED48 DISTRIBUTION CURVE (cd/klm)

